



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Carpenter Company
5100 Frontage Road South
Lakeland, FL 33815

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Carpenter EPS Block Type Insulation

APPROVAL DOCUMENT: Drawing No. **3135.22**, titled "Expanded Polystyrene Block Type," Sheet 1 of 1, dated 09/14/2012, prepared by Chastain Skillman, Inc., signed and sealed by Steven A. Dutch, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each board shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews** NOA # **06-1228.07** and consists of this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
11/19/2012

NOA No 11-1222.01
Expiration Date: April 11, 2017
Approval Date: November 29, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **3135.22**, titled "Expanded Polystyrene Block Type," Sheet 1 of 1, dated 09/14/2012, prepared by Chastain Skillman, Inc., signed and sealed by Steven A. Dutch, P.E.

B. TESTS "Submitted under NOA # 06-1228.07"

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	Radco 2754a	ASTM E 84	11/13/07	R. F. Tucker, P.E.
2.	Radco 2668	ASTM C 303	11/13/07	R. F. Tucker, P.E.
3.	Radco 2668	ASTM C 518	11/13/07	R. F. Tucker, P.E.
4.	Radco 2668	ASTM D1621	11/13/07	R. F. Tucker, P.E.
5.	Radco 2668	ASTM C 203	11/13/07	R. F. Tucker, P.E.
6.	Radco 2668	ASTM E96	11/13/07	R. F. Tucker, P.E.
7.	Radco 2668	ASTM C272	11/13/07	R. F. Tucker, P.E.
9.	Radco 2668	ASTM D2863	11/13/07	R. F. Tucker, P.E.
10.	Radco 2668	ASTM D2126	11/13/07	R. F. Tucker, P.E.
11.	CTC 02-02434	ASTM D1929	02/27/02	J. Jackson.

C. CALCULATION

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

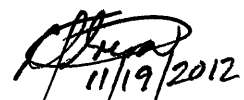
E. MATERIAL CERTIFICATION

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2007 and 2010 FBC issued by Chastain Skillman, Inc, dated 09/12/2012, signed and sealed by Steven A. Dutch, P.E.

"Submitted under NOA # 06-1228.07"
2. No financial interest letter issued by Chastain Skillman, Inc, dated 10/01/2007, signed by Raymond F. Tucker, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 11-1222.01

Expiration Date: April 11, 2017
Approval Date: November 29, 2012

CARPENTER COMPANY POLYSTYRENE PREFORMED BLOCK TYPE INSULATION

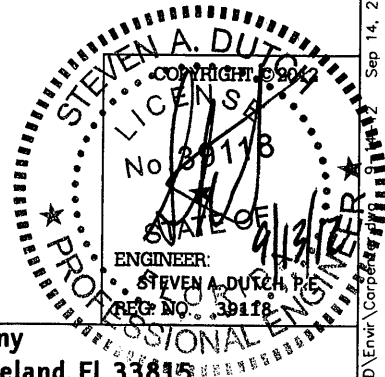
Table of Properties

Description	Properties Carpenter EPS	Type I ASTM C578 Specifications	Test
Density	0.987 pcf	0.9 min	ASTM D622
Thermal Resistance (R)	3.977 Hr-ft ² -°F/BTU	3.85 min	ASTM C518
Compressive Resistance	12.09 psi	10-14	ASTM D1621
Flexural Strength	25.68 psi	25-30	ASTM C203
Water Vapor Transmission	2.916 perms	1.2-3.0	ASTM E96
Water Absorption	1.75% volume	<3.5	ASTM C272
Oxygen Index	Passed	-	ASTM D2863
Dimensional Stability	Passed	-	ASTM D2126
Flame Spread	0 (Ceiling Only)	<75	ASTM E84
	4.5 (Ceiling/Floor)	<75	
Smoke Index	10 (Ceiling Only)	<450	ASTM E84
	450 (Ceiling/Floor)	<450	
Self Ignition Temperature	952° F	>650	ASTM D1929

General Notes:

1. The Carpenter EPS insulation complies with ASTM C578 for Type I foam plastic insulation.
2. Application of Carpenter EPS insulation shall comply with all pertinent sections of the 2007 and 2010 versions of the Florida Building Code, in particular Section 2612.
3. This product has not been evaluated for outdoor exposure therefore it shall be fully protected from the elements at all times.
4. Installation of Carpenter EPS may be made with cement mortar on mechanical fasteners.
5. This product cannot be used as sheathing and it shall be continuously supported by a structural backing.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 11-1222.01
Expiration Date 04/11/2017
By [Signature]
Miami Trade Product Control



Carpenter Company 5100 Frontage Road South, Lakeland, FL 33815			
Expanded Polystyrene Block Type			
By: CHASTAIN SKILLMAN, INC., 4705 OLD HWY 37, LAKELAND, FL 33813, (863) 646-1402	SCALE: N.T.S.	DATE: 09/14/12	PROJECT: 3135.22